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#### General Information

|                          |  |
|--------------------------|--|
| Series                   | C44U-M   |
| Dielectric               | Metallized Polypropylene                               |
| Style                    | Can  |
| Features                 | DC Filtering, Energy Storage                           |
| RoHS                     | With Exemptions  |
| REACH                    | SVHC (Pb – CAS 7439-92-1)                              |
| SCIP Number              | cc1c1ec4-db9e-4815-b26b-e8a34ddfb776                   |
| Lead                     | Screw Terminals M6                                     |
| AEC-Q200                 | No   |
| Typical Component Weight | 3,270 g  |
| Miscellaneous            | Thermal Resistance = 1.8 C/W.<br>Weight = 13100 grams. |

#### Dimensions

|    |               |
|----|---------------|
| D  | 116mm +2mm    |
| L  | 273mm +/-2mm  |
| L1 | 276mm +/-2mm  |
| S  | 50mm +/-0.3mm |
| D1 | 119mm +0.5mm  |

#### Packaging Specifications

|                    |               |
|--------------------|---------------|
| Terminal Type      | Bolt - M12x16 |
| Packaging          | Bulk, Bag     |
| Packaging Quantity | 4             |

#### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 950 uF                                |
| Tolerance             | 10%                                   |
| Voltage DC            | 1300 VDC                              |
| Temperature Range     | -40/+85°C                             |
| Rated Temperature     | 75°C                                  |
| Insulation Resistance | 30 MOhms                              |
| Max dV/dt             | 9 V/us                                |
| ESR                   | 1.8 mOhms (10kHz)                     |
| Ripple Current        | 96 Amps (10kHz 40C), 8325 Amps (Peak) |
| Inductance            | 80 nH                                 |

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